

Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update

Progress Report #19—September 17, 2007

Work Completed: September 6-12, 2007

- Completed installing turbidity curtain for Island 2. Began installing turbidity curtains at Island 1 and Removal Area 6B.
- Began construction of a temporary access road along Removal Areas 6B and 6B1.
- Developed access to Island 2.
- Completed excavating soil and sediment from Island 2.
- Continued installing steel sheeting for the construction of the Phase I cofferdam.
- Completed excavation of TSCA material from Removal Area 3B.
- Continued loading and transporting solidified soil/sediment material from Staging Areas 1N and 2S to Allied Waste's C&C Landfill and EQ's Wayne Disposal in Detroit, MI.
- Completed staging and segregating soil at Staging Area 2S.
- Completed final grading and topsoil placement at Removal Areas 2B, 3B, and 4B.
- Completed seeding and placing erosion control mats at Removal Areas on the north bank of the Kalamazoo River (Removal Areas 1 through 6).
- Continued surveying and performing sampling and analysis of excavated portions of Removal Areas 3B and Island 2.
- Continued turbidity monitoring of the Kalamazoo River to support removal activities.

Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	560	16	1050	30
Total to Date	2065	59	12,915	369

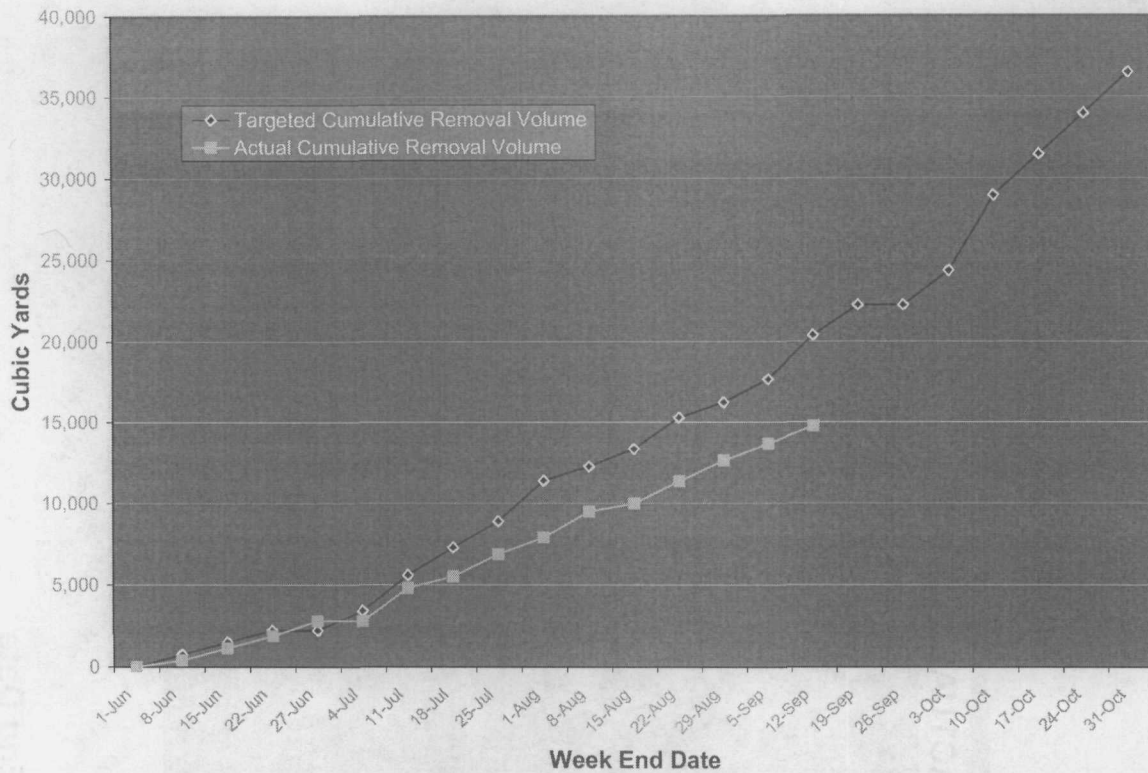
** All values are unofficial, estimated quantities, subject to revision/verification.



Work Planned: September 13-19, 2007

- Complete installation of turbidity curtain at Island 1 and Removal Area 6B.
- Complete removal of Island 2 access. Complete development of access to Island 1.
- Complete excavation of soil and sediment at Island 1.
- Continue temporary access road construction along Removal Areas 7 and 8.
- Begin construction of Staging Area 3S and treatment system pad adjacent to the Plainwell Dam.
- Complete installation of steel sheeting for the construction of the Phase I cofferdam.
- Begin construction of the water control structure.
- Complete loading and transporting solidified non-TSCA material from Staging Areas 1N and 2S to Allied Waste's C&C Landfill and EQ's Wayne Disposal in Detroit, MI.
- Complete removal of Staging Area 1N.
- Begin seeding and placing erosion control mats at Removal Areas 2B, 3B, and 4B.
- Continue surveying and performing sampling and analysis of excavated portions of Islands 1 and 2.
- Continue turbidity monitoring of the Kalamazoo River to support removal activities.

Removal Progress

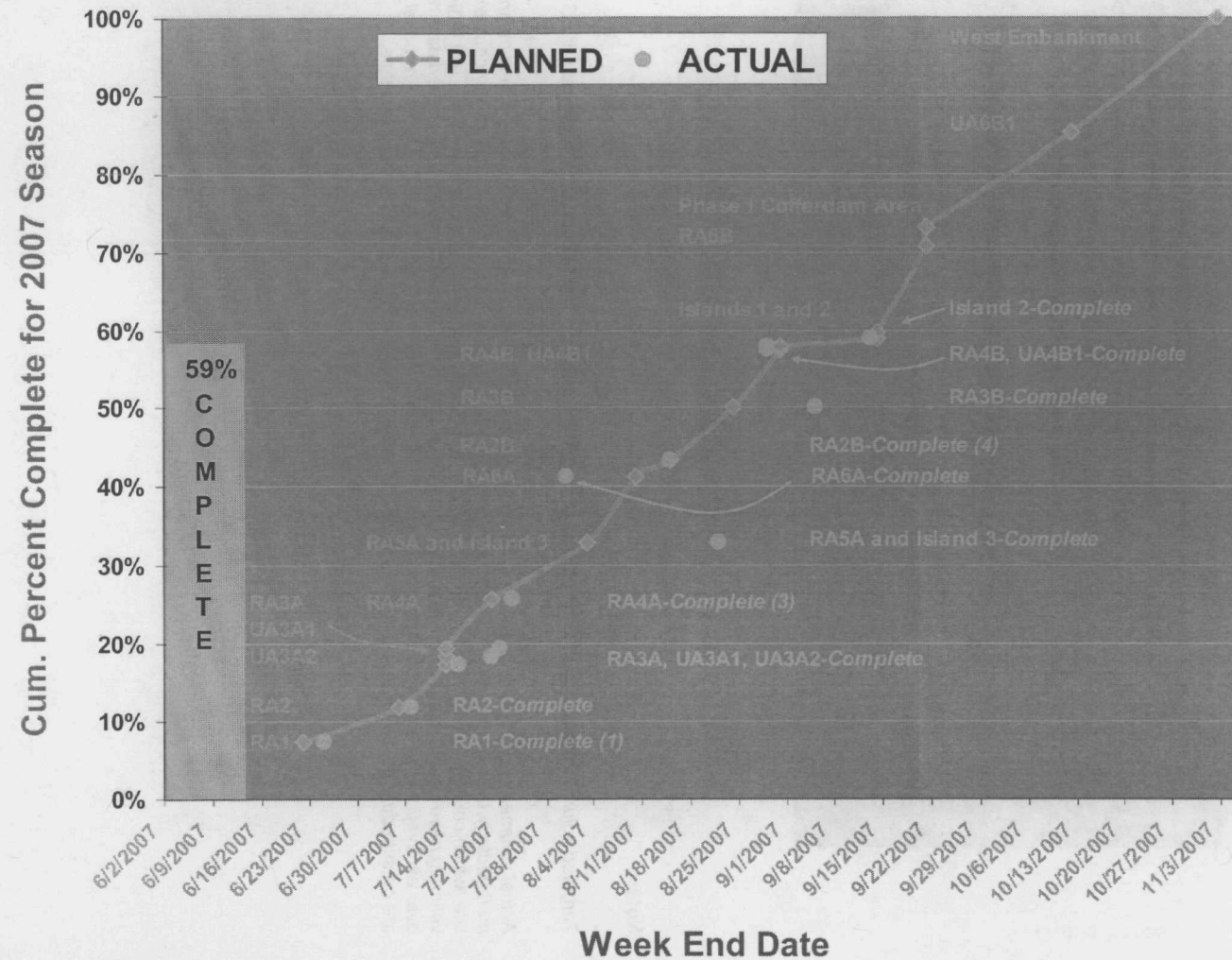


Notes

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed are below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBLES 4/30/07 Plainwell TCRA Construction Schedule.

Removal Progress



Health & Safety Update

- Six Loss Prevention Observations (LPOs) were completed this week.
A total of 54 LPOs have been completed for the project to date.

Weather Summary

- No weather delays were encountered during this reporting period.

Environmental Monitoring and Construction Quality Assurance Testing

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☐ Yes ☒
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring:

Discharge Flow: ~ 19,000 gallons
Testing Performed this Week? No ☐ Yes ☒
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Excavation Verification Sampling:

Testing Performed this Week? No ☐ Yes ☒ in Removal Area(s): 3B
Cleanup Standard Achieved? N/A ☐ Yes ☐ No ☒ If no, explain:
Removal Area 3B (Grid 3) was sampled by ARCADIS BBLES and split with USEPA. Analytical results from ARCADIS BBLES laboratory identified a concentration of 2.6 ppm total PCBs. The USEPA laboratory analytical results identified a concentration of 7.8 ppm total PCBs. An additional 6 inches of material was removed across the entire grid. Further sampling was not possible due to minimal recovery (gravel material). ARCADIS BBLES obtained verbal approval from the USEPA that no further removal was required.

Issues Encountered/Solutions Advanced

- None.

**Former Plainwell Impoundment
Time-Critical Removal Action
Weekly Construction Update
Progress Report #19
Page 6 of 9**

Equipment on Site

Equipment	9/6/07	9/7/07	9/8/07	9/9/07	9/10/07	9/11/07	9/12/07
Komatsu PC-300 Excavator	2	2	2	2	2	2	2
Hitachi 450 Excavator	1	1	1	1	1	1	1
Komatsu PC-300 HD Long Reach	1	1	1	1	1	1	1
Komatsu PC-200 Excavator	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	1	1	1	1	2	2	2
John Deere JD-450 Dozer	1	1	1	1	1	1	1
John Deere JD-700 Dozer	1	1	1	1	1	1	1
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	1	1	1	1	1	1	1
Vermeer Chipper	2	2	2	2	2	2	2
Komatsu D65 Dozer	1	1	1	1	1	1	1
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
Vacuum Truck	1	1	1	1	0	0	0
CAT 328 Loader (King)	1	1	1	1	1	1	1
Terex RT 50-ton Crane	1	1	1	1	1	1	1
2,000 Gallon Water Truck	2	2	2	2	2	2	2
Komatsu 400 Articulating Dump Truck	3	3	3	3	3	3	3

**Former Plainwell Impoundment
Time-Critical Removal Action
Weekly Construction Update
Progress Report #19
Page 7 of 9**

Personnel, Regulatory Staff, and Visitors on Site

Individual/Affiliation	9/6/07	9/7/07	9/8/07	9/9/07	9/10/07	9/11/07	9/12/07
Terra Contracting Staff	22	22	22		22	22	22
Sam Borries/USEPA OSC							
Mike Ribordy/USEPA OSC							
Craig Thomas/USEPA OSC							
Paul Bucholtz/MDEQ	X					X	
John Bradley/MDEQ							
John Lerg/MDNR							
Jim Saric/USEPA							
Michael Berkoff/USEPA							
Weston Contractors	1	1	1		1	1	1
Drew Santini/CDM							
Rick Difiore/ARCADIS BBLES							
Steve Garbaciak/ARCADIS BBL							
Doug Cowin/ARCADIS BBL							
Adam Chwalibog/ARCADIS BBL						X	X
Eric Hritsuk/ARCADIS BBL							
Rich Price/ARCADIS BBLES						X	X
Matt Bowman/ARCADIS BBLES			X				
EJ Suardini/ARCADIS BBLES	X	X			X	X	X
Mike Kohagen/ARCADIS BBLES	X	X	X		X	X	X
Ben Lawrence/ARCADIS BBLES	X	X	X		X	X	X
Michelle Rumler/ARCADIS BBL	X	X	X		X	X	X
Joe Willoughby/ARCADIS BBLES	X	X	X		X	X	X
Nick Harmer/ARCADIS BBL	X	X			X	X	X
<i>Other Subcontractors (Specify)</i>							
JFNew	4	4			4		
King Construction (WCS/cofferdam)	4	4	4		4	4	4

Photos from Week #19



Removing TSCA material at Removal Area 3B.



Demobilizing equipment and material at Staging Area 1N.

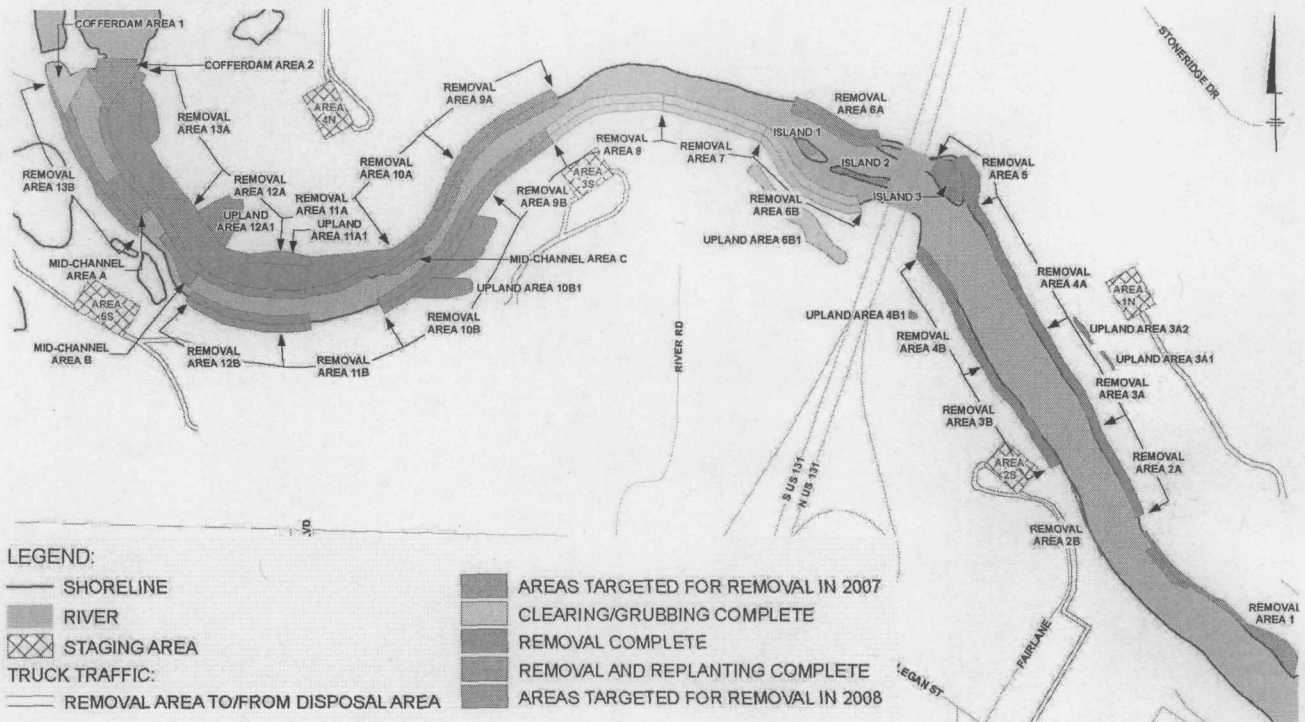


Placing erosion control blanket at Island 3.



Placing culverts for the development of access to Island 2.

Targeted Removal Areas—Former Plainwell Impoundment



All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.